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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/648,687
Filing Date	08/25/2003
First Named Inventor	Robert Sigurd Nelson
Art Unit	2878
Examiner Name	Christine Sung
Attorney Docket Number	

Total Number of Pages in This Submission

14

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<b>Remarks</b> Cover letter and Response to Examiner (1 page) (13 pages)	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Robert Sigurd Nelson
Signature	Robert Sigurd Nelson
Date	9-9-2005

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Robert Sigurd Nelson		
Signature	Robert Sigurd Nelson	Date	9-09-2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

NELSON, ROBERT S. et al.

Application No.: 10/648,687

Submitted: 8-25-2003

Title: DEVICE AND SYSTEM FOR ENHANCED SPECT, PET, AND  
COMPTON SCATTER IMAGING IN NUCLEAR MEDICINE

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 7, 2005

Dear Sirs,

Please find enclosed a 13 page document in response to the Office  
Action of August 10, 2005 (Examiner Christine Sung, Art Unit 2878).  
The title of the application is:

"DEVICE AND SYSTEM FOR ENHANCED SPECT, PET, AND COMPTON SCATTER  
IMAGING IN NUCLEAR MEDICINE".

Application No. 10/648,687 (filed 8-25-2003).  
Inventors are 1. Robert Sigurd Nelson and 2. William Bert Nelson.

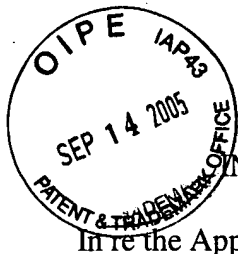
If there are any questions I can be contacted by  
email (rnelson@mail.sdsu.edu) or by phone (619-594-1013).

Sincerely,

Robert Sigurd Nelson  
Robert Sigurd Nelson

September 9, 2005  
Date

Robert S. Nelson  
2922 Upshur Street  
San Diego, California 92106



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Appl. No. : 10/648,687  
Applicants : Robert Sigurd Nelson, William Bert Nelson  
Filing Date : August 25, 2003  
Examiner : Christine Sung (571-272-2448)  
Art Unit : 2878  
Title : DEVICE AND SYSTEM FOR ENHANCED SPECT, PET, AND  
COMPTON SCATTER IMAGING IN NUCLEAR MEDICINE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 7, 2005

Dear Ms. Sung:

In response to the initial Office Action dated August 10, 2005 for application 10/648,687 please find enclosed a set of remarks that address the objections to the claims.

**REMARKS**

The following remarks include references to relevant materials (remarks 1-7) followed by specific responses to Examiner's objections regarding claims 1-23:

1. Express Abandonment forms were filed on March 22, 2005 for three applications (10/446,239; 10/452,459; 10/462,191) under review by Ms. Otilia Gabor (Art Unit 2878). The subject matter disclosed in pending Application No. 10/648,687 is a continuation of Application No. 10/462,191 (filed 6-16-2003), which is a continuation of Application No. 10/452,459 (filed 6-03-2003), which is a continuation of Application No. 10/446,239 (filed 5-29-2003). The filing dates for these CIP Applications were prior to the issue date of Patent No. 6,583,420 B1 (6-24-2003). My understanding is that claims made in these three CIP applications that are based on material disclosed in the original Patent No. 6,583,420 B1 benefit from its 6-07-2000 filing date.
2. Two disclosure documents are considered to be relevant for this response. Disclosure document No. 464163 filed October 25, 1999 ("Device and method for improved imaging in nuclear medicine") and Disclosure document No. 513200 filed June 12, 2002 ("Device and method for improved Compton imaging"). These two